

NUMERIC[®]

A Group brand | **legrand**[®]



HP Max

Single Phase UPS

1 - 20 kVA

NEW ENERGY
TO POWER

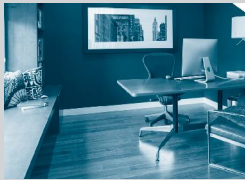


www.numericups.com

FEATURES

- Design power factor of 0.9
- Input galvanic isolation transformer
- Solar compatible
- Wide input voltage range
- RS232 interface
- Intelligent battery management
- Over voltage cut-off device
- Parallel upto 4 units

APPLICATION



Residential & SOHO



Commercial



Manufacturing



Healthcare

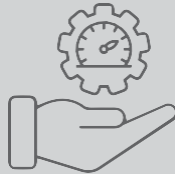


Infrastructure

WHY HP MAX



Easy user interface



Higher efficiency



Silent operation



Low cost of ownership



Compact footprint

WHY NUMERIC

35+
YEARS
OF EXPERTISE

WIDEST SERVICE NETWORK
250+
DIRECT SERVICE CENTRES

PRODUCT RANGE FROM
600VA
21MW

1 MILLION +
UPS
ACTIVE
INSTALLATION BASE

1800+
EMPLOYEES

UNDISPUTED LEADER* IN
LI & 1P FOR **27**
CONSECUTIVE YEARS

*Source : Softdisk; LI - Line Interactive, 1P - Single Phase

TECHNICAL SPECIFICATION

CAPACITY	1 kVA	2 kVA	3 kVA	5 kVA	6 kVA	7.5 kVA	10 kVA	7.5 kVA	10 kVA	15 kVA	20 kVA
	0.9 kW	1.8 kW	2.7 kW	4.5 kW	5.4 kW	6.75 kW	9 kW	6.75 kW	9 kW	13.5 kW	18 kW
Parameter											
INPUT	Single Phase						Three Phase				
Phase	Single phase with ground (L-N-G)						Three phase with ground (R-Y-B-N-G)				
Voltage Range	110 VAC - 300 VAC (based on load percentage)						190 VAC-478 VAC (based on load percentage)				
Frequency	50/60 Hz (auto sensing)										
Power Factor	*>0.99, MO.95 (above 25% load)										
THDi	<5% with full load ⁽¹⁾										
BYPASS											
Voltage Range	200 VAC ⁽²⁾ / 208 VAC ⁽²⁾ / 220 VAC / 230 VAC / 240 VAC										
Frequency Range	45-55 Hz / 55-65 Hz										
OUTPUT											
Design PF	0.9										
Voltage	200 VAC ⁽²⁾ / 208 VAC ⁽²⁾ / 220 VAC / 230 VAC / 240 VAC										
Voltage Regulation	+/-1%										
Frequency	50/60 Hz+ /-0.1 Hz (free running mode)										
Synchronization Range	45-55 Hz / 54-66 Hz ⁽³⁾						46-54 Hz / 54-66 Hz ⁽³⁾				
Voltage Distortion	m2% (linear load)										
	m5% (non-linear load)										
Output Waveform	Pure sine wave										
Crest Factor	3:1										
Efficiency (AC - AC)	Up to 90%			Up to 93%				Up to 94%			
OVERLOAD	1 - 3 kVA			5 - 10 kVA				7.5 - 20 kVA			
	110% - 10 min			125% - 10 min				110% - 5 min			
	130% - 1 min			150% - 1 min				130% - 1 min			
	150% - 10 sec							150% - 10 sec			
BATTERY											
Battery Type	Sealed Lead Acid Maintenance Free, Lead Acid Tubular (battery AH and quantity depending on backup time)										
DC Voltage	36 V DC	96 V DC	240 V DC				288 V DC				
Charger	Built-in solid state three stage recharge (constant current, constant voltage with float charge) and with temperature compensation										
Parallel Function (optional)											
GENERAL											
Operating Temperature	0 to 45 deg. C										
Noise Level	50 dB at 1 meter				<55 dB at 1 meter						
Display & Indication	LCD display										
Status LED	Normal mode			Load on battery		Load on bypass			System fault		
Audible Alarm	Mains failure alarm, Low battery alarm, UPS warning, Overload, Fault & Bypass mode.										
COMMUNICATION INTERFACE											
Standard	RS 232 / USB port for software interface (any one can be used at a time)										
Intelligent Slot	For SNMP (optional)										
Dim (mm) & Wt (kg)											
Weight	7**/27	18**/39	19**/44	45	58	60	70	120	140	165	175
Floor Model (W x D x H) without Galvanic Isolation	145 X 460 X 235	193 X 465 X 347	322 X 660 TX 820			322 X 700 X 820		352 X 690 X 985		352 X 660 X 1090	
Floor Model (W x D x H) with Galvanic Isolation	203 X 450 X 390	223 X 465 X 600	322 X 660 X 820			322 X 700 X 820		352 X 690 X 985		352 X 660 X 1090	

Note : As standard specifications and design change from time to time, please ask for confirmation of information given in this publication.